

WHAT IS CLAIMED IS:

1. A method for determining the viscosities of liquids using a capillary comprising:
providing a horizontally arranged transparent capillary, which is open on
5 both sides, and connected at one end of the capillary to a reservoir
containing the liquid to be measured, and
measuring the velocity and the distance of the liquid column in the
capillary at time intervals.
2. The method according to claim 1, wherein the viscosities of a plurality of
10 liquids are determined in parallel.
3. A device for determining the viscosities of liquids utilizing the method
according to claim 1 comprising at least one horizontally arranged
transparent capillary, which is open at both ends and is connected, at one
end, to a reservoir containing the liquid to be measured, the capillary and
15 the reservoir forming a capillary-reservoir unit, and an electronic
evaluation unit for measuring the velocity and the distance of the liquid
column in the capillary.
4. The device according to claim 3, characterised in that it contains from 2 to
10 capillary-reservoir units.
- 20 5. The device according to claim 3 characterised in that the diameter of the
capillaries is from 0.1 to 1 mm.
6. The device according to claim 3, characterised in that the capillary is a
single-use capillary.
7. The device according to claim 3, characterised in that the device is
25 arranged on a support.
8. The device according to claim 3, characterised in that the reservoir is a
container and has a volume of from 0.1 to 1 ml.
9. The device according to claim 3, characterised in that the electronic
evaluation unit is a camera with a computer-controlled image evaluation
30 unit.

10. The device according to 3, characterised in that the electronic evaluation unit is a fluorescence detection method.
 11. The device according to claim 4 characterised in that the diameter of the capillaries is from 0.1 to 1 mm.
 - 5 12. The device according to claim 4, characterised in that the capillary is a single-use capillary.
 13. The device according to claim 5, characterised in that the capillary is a single-use capillary.
 14. The device according to claim 3, characterised in that the electronic
10 evaluation unit is a camera with a computer-controlled image evaluation unit.
 15. The device according to claim 4, characterised in that the electronic evaluation unit is a camera with a computer-controlled image evaluation unit.
 - 15 16. The device according to claim 5, characterised in that the electronic evaluation unit is a camera with a computer-controlled image evaluation unit.
 17. The device according to 3, characterised in that the electronic evaluation unit is a fluorescence detection method.
 - 20 18. The device according to 4, characterised in that the electronic evaluation unit is a fluorescence detection method.
 19. The device according to 5, characterised in that the electronic evaluation unit is a fluorescence detection method.
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